

iGEM2013 – Microbiology – BMB – SDU	
Title: Speedy Vac	Date issued: 2013.07.04
SOP number: SOP0022_v01	Review date:
Version number: 01	Written by: SIS

1. Purpose

To concentrate liquid samples

2. Area of application

3. Apparatus and equipment

Apparatus/equipment	Location (Room number)	Check points	Criteria for approval/rejection
Compressor	V16-507-1		
Speedy Vac, Hetovac	V16-507-1	Remember to fill in air before opening	

4. Materials and reagents – their shelf life and risk labelling

Name	Components	Supplier / Cat. #	Room (hallway storage)	Safety considerations

5. QC – Quality Control

6. List of other SOPs relevant to this SOP

7. Environmental conditions required

8. Procedure

1. Turn on the compressor
2. Put the samples in the Speedy Vac with open lid
3. Close the lid on the Speedy Vac
4. Press run
5. Vacuum the Speedy Vac by turning the upper green switch to the mark.
6. When the Speedy Vac has run for 15 min. or until the samples are concentrated enough, the vacuum is closed by turning the upper green switch back to start position so air again enters the Speedy Vac
7. Turn off the Speedy Vac, when it has stopped entering air
8. Open the speedy vac and take out the samples
9. Turn off the compressor.

9. Waste handling

Chemical name	Concentration	Type of waste (C, Z...)	Remarks

10. Time consumption

- Total-time 17 min
- Hands-on-time 2 min

11. Scheme of development

Date / Initials	Version No.	Description of changes
13.07.04 / SIS	01	The SOP has been written

12. Appendices

